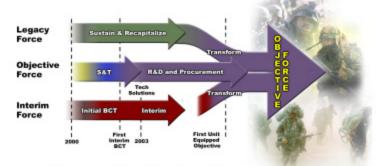


The Army Transformation







... Responsive, Deployable, Agile, Versatile, Lethal, Survivable, Sustainable.

2002 TACTICAL WHEELED VEHICLES CONFERENCE - "TWV'S IN TRANSFORMATION, THE INTERIM TO THE FUTURE" G-8 PERSPECTIVE

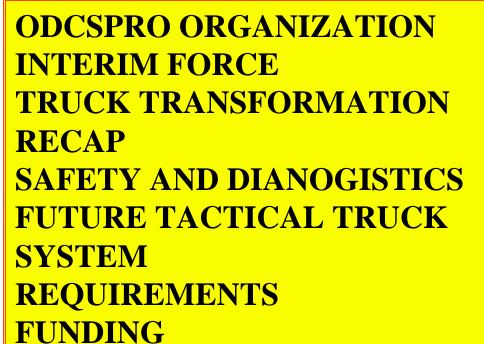
JANUARY 28, 2002

BG ELBERT N. PERKINS DIRECTOR OF MATERIEL G-8



TOPICS





SUMMARY







Deputy Chief of Staff for Programs LTG Griffin COL Bagby **DCSPRO** DCSPRO XO **COL Perrin** COL Collvar **QDR** QCC/DIG SES **ESD** Dr. College **ADCSPRO Executive Services** MG Bond Director. SACO & Mailroom Ops MG Madora Human Resources **Force** Analysis & Evaluation Director, Programs Financial Management (RM) **Development** & Property Book/Supply IMO/LAN COL Gaffnev Mr. Tison **BG** Hunzecker DEPUTY **DEPUTY-CIV DEPUTY-MIL** Mr. Steenrod **BG Perkins BG Peterson** COL Forster DOR DOI Program DOM **PDD Director of Resources** Development **Director of Integration** Director of Material COL Troy **COL Brown/COL Izzo** FDJ **COL Moughon** FDP **Full Dimension COL Phillips** MAFPAD Manpower & Force Protection Program Analysis **Unit Set** FDU **COL Brooks** COL St. Pierre Fieldina FDR FDM Dominant LTCP Richardson **COL Carroll** Maneuver ASPAD **Acquisition Support** FDT Programs & Technical **COL Moore Program Analysis Priorities** Integration FDS **Precision** Strike **COL Morrisey COL Swenson** LTC Francis FDH Strategic **Resource Planning** CIPAD FDQ **COL Tedesco Plans** & Analysis Focused FDL Integration & Logistics Mr. Jurgens **Analysis Program Budget** PDDMD **COL Petersen Data Management** Info Superiority

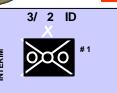
Requirements to Solutions DOTLM-PF ******* Doctrine DAMO-SS TRADOC Publish Train CSA Organization TRADOC DCSOPS DAMO-FM FIX FMSA MTO National Interest (CTU) Threats ASA/M&R Training DAMO-TR TRADOC SCHOOLS Strategies Teach *** Doctrine G-1 Leader Dev Organizations G-3 DAMO-TR TRADOC SCHOOLS Teach FIX G-3 ASA/I&E Equipment ACSIM **≜**ons Training Personne G-1 TRADOC / USAREC / PERSCOM ► FIX Special Interest ASA/CW Assess Readiness 8 COE Fadilities Dep G-3 *** Requests for: MCA COE → FIX Operational ASA/ALT Dep G-3 VCSA CSA Need G-4 Priority change Material G-4 G-8 FIX AROC RRC Acceleration ASA/FM& DAMO-ZR G-8 Perceived DAMO-TRADO Battlefield DAPR-Requirement G-2 SF OJDA G-3 Staff 9 DISC4 **G-3 G-8** IROC DARNG (S&T) **PEO** (Analysis) CAR PM DASCDALSODISC4 Others (Analysis) DALSO DISC4 TR Installations/ Organization POM/Budget Reats/ Equip DASC)TR **PEO** Prior **Process** O&Os **FOCs** Doctrine riogramming and Fielding РМ)PAE **Solutions Across DOTLM-Requirements Across** O PAE Cannot Meet the CSA ()ABO SSO DOTLM-PF **RSO** Approved Requirement)TISO SUST Resources MAN TCP JMRR S&T TNG Strategy ODPERSSOMACOM&ACSIM **EXECUTION** REQUIREMENTS DEVELOPMENT AND APPROVAL

CHIEF OF SALES

INTERIM FORCE SYSTEMS

1/ 25 ID









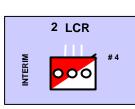






















RECAP PROGRAMS



HEMTT ESP (PROCUREMENT FUNDED)





HMMWV PROGRAM (OMA FUNDED)





NEW SYSTEMS TO BE FIELDED



YARD TRACTOR - M878A2



FIFTH WHEEL TOWING DEVICE (FWTD)

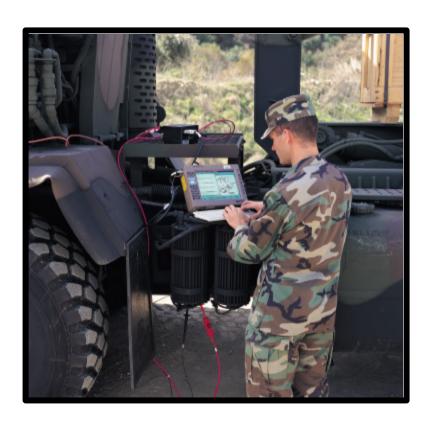


SAFETY

CREW PROTECTION.
COLLISION WARNING SYSTEM.
ANTILOCK BRAKES.
3 AND 4 POINT SEAT BELTS.
BOLT TOGETHER WHEELS.
REDESIGN OF VEHICLE CABS.



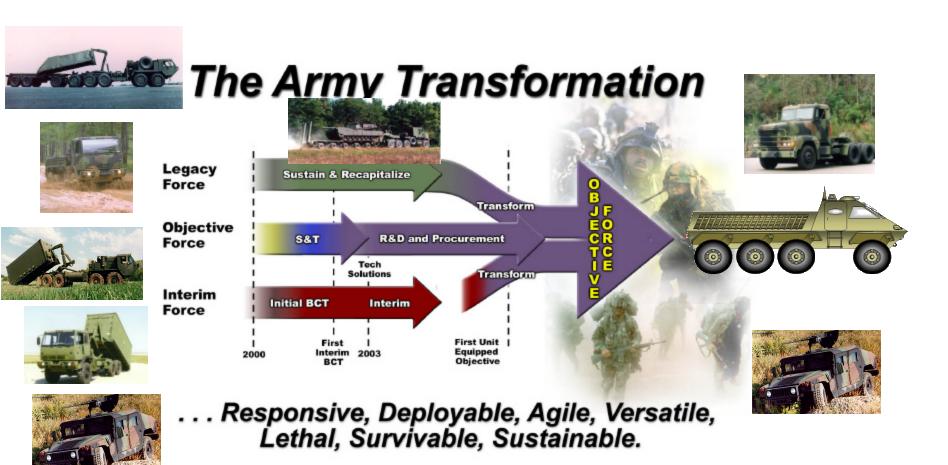
DIAGNOSTICS



- Interactive Electronic Tech Manuals (IETMs)
 - Cost Savings and Cost Avoidance Opportunities
 - Diagnostic and Prognostic Capabilities
 - Reduced Cycle Time for Troubleshooting
 - Reduced No Evidence of Failure (NEOFs)

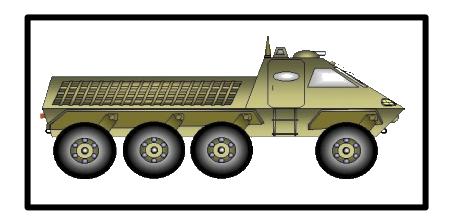


ARMY TRUCK TRANSFORMATION





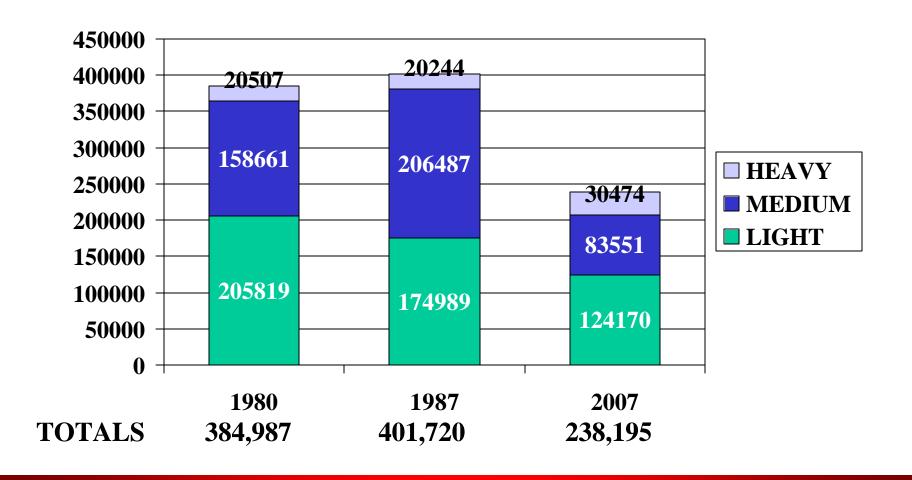
FUTURE TACTICAL TRUCK SYSTEM (FTTS)



- **✓ ENHANCED MOBILITY**
- **✓ STRATEGIC DEPLOYABILITY**
- **✓INTEGRATED SURVIVABILITY**
- **✓ SYSTEMS INTEGRATION**
- **✓OPEN SYSTEMS ELECTRONIC ARCHITECTURE**
- ✓ LIGHTWEIGHT STRUCTURE/ARMOR
- **✓ ADVANCED CREW STATION**
- ✓ ENHANCED WEAPON MOUNTING CAPABILITY

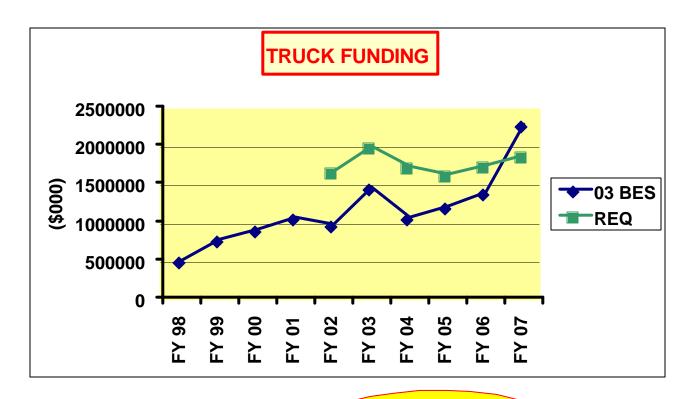


TRUCK REQUIREMENTS OVER TIME





FUNDING PROFILE



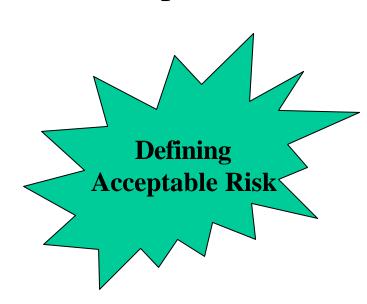
FY 03-07 REQUIRES AVERAGE \$1.8B PER YEAR FY 03-07 FUNDED AVERAGE \$1.5B PER YEAR REQUIRES ADDITIONAL \$.3B PER YEAR



Competing Resourcing Capabilities

- USF
- IBCT (acceleration?) vs. Counterattack Corps
- IDIV
- Objective Force/ S&T
- Software Blocking
- Smart Munitions
- Digitization (Interoperability)
- Continue RECAP
- Procurement for Crusader and Comanche
- Full Dem. Protection/Terrorism/HLS

Synchronization of Army Priorities Across the PEGs



EE PEG Resourcing Dilemma



Funding is not sufficient to cover the full extent of every program



Many are high cost









Crusader



Munitions



Longbow



Patriot









M2A2







IAV

ASAS III

M270A1

LW 155

Shadow



TOW F&F



























Solution



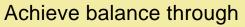


Requirements

Integrate across the **PEGs**

Resources

POM Dollars



- Continuous validation of capabilities and quantities
- Bang for the Buck distribution of resources



2000 2015 Nearly all have overlapping **Long Production Timelines**

The rest of the Army is also high cost (i.e., sustainment)



Focused Logistics





CONGRESSIONAL SUPPORT FY 02



KEY PLUS UPS:

- \$17.5M FOR HEMTT (NGREA).
- \$1.0M FOR TRAILERS.
- \$2.5M FOR HETS (NGREA).
- •\$36.5M FOR HMMWV (AC & NGREA).
- \$3.5M FOR ARMORED SECURITY VEHICLE.
- \$3.5M FOR MODIFICATIONS (ALUMINUM MESH TANK LINER).



<u>SUMMARY</u>

TOA CONSTRAINTS PREVENT THE ARMY FROM FULLY FUNDING TACTICAL WHEELED VEHICLES. PART OF THE ARMY'S VISION IS REDUCTION OF THE LOGISTICS FOOTPRINT. TRUCKS PLAY A KEY ROLE TO ACHIEVE THAT REDUCTION. THANKS TO INDUSTRY AND CONGRESS FOR CONTINUED SUPPORT OF PROGRAMS.

CHALLENGE TO INDUSTRY:
ACCELERATE DEVELOPMENT OF TECHNOLOGICALY
ADVANCED VEHICLES.